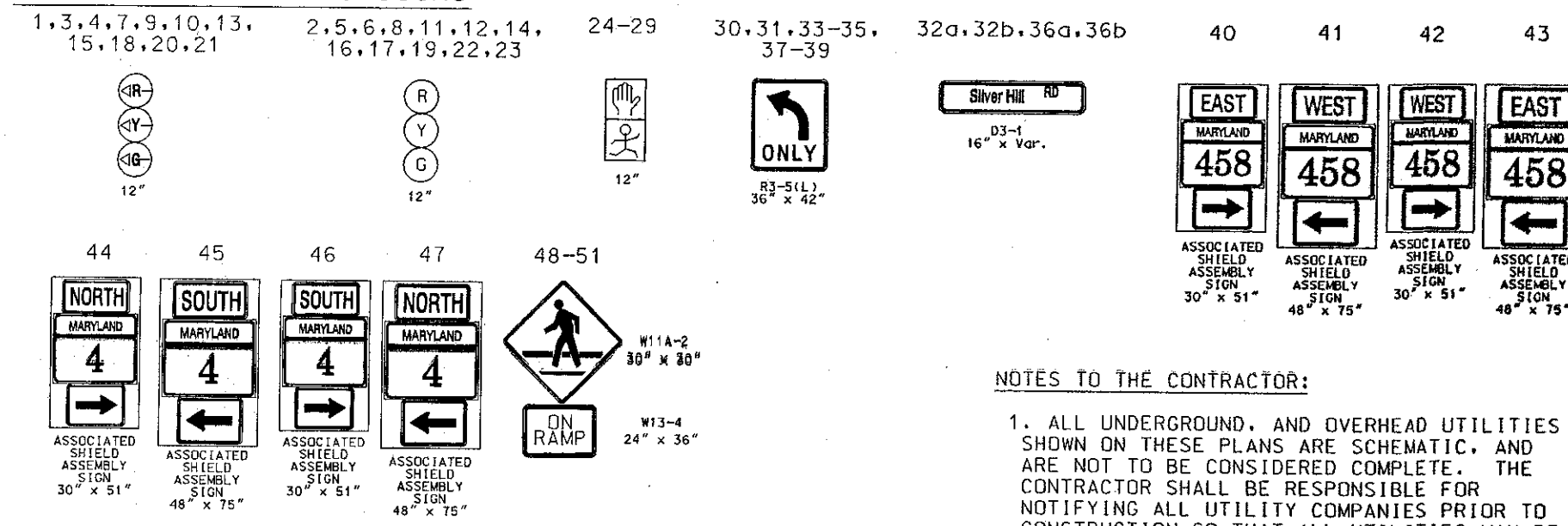


MD 4 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS



NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND, AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC, AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. THE CONTRACTOR SHALL INSTALL, AND REMOVE THE PROPOSED AND EXISTING SIGNAL HEADS ONE LEG AT A TIME.

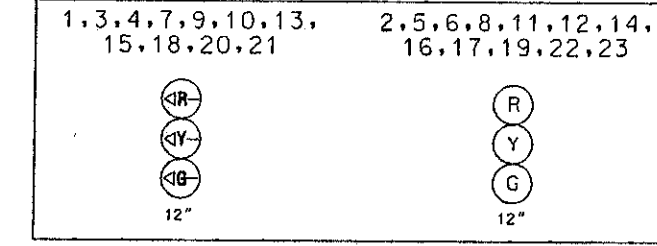
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC TEST PIT EXCAVATION
8015	69 EACH	F & 1 12" BLACK FACED VEHICULAR SIGNAL HEAD SECTION
8028	1 EACH	REMOVE AND DISPOSE OF EXISTING EQUIPMENT PER ASSIGNMENT

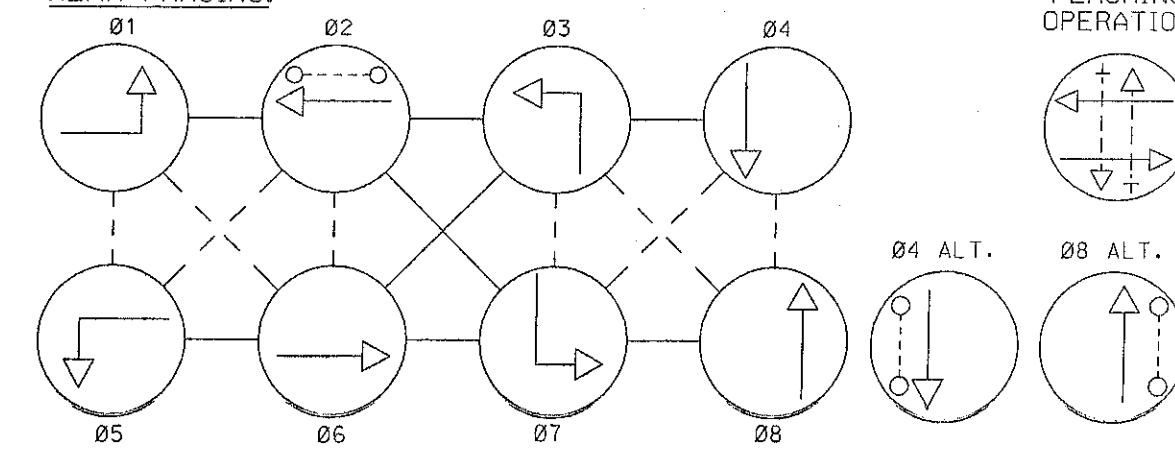
C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
		ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PROPOSED SIGNALS



NEMA PHASING:

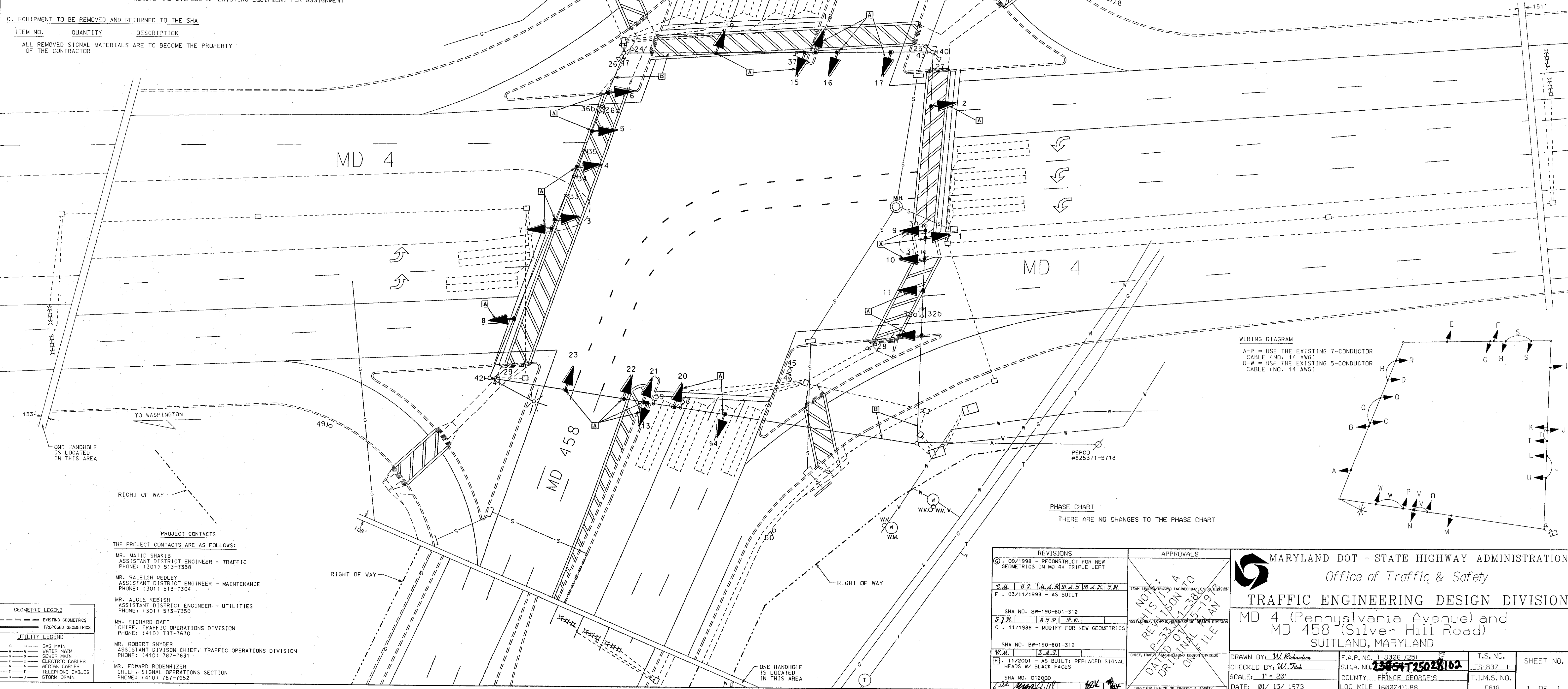


NEMA NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS:

- INSTALL THE PROPOSED SIGNAL HEAD. REMOVE THE EXISTING SIGNAL HEAD.
- USE THE EXISTING SPAN WIRE.



WIRING DIAGRAM

- A-P = USE THE EXISTING 7-CONDUCTOR CABLE (NO. 14 AWG)
- Q-W = USE THE EXISTING 5-CONDUCTOR CABLE (NO. 14 AWG)

PHASE CHART

THERE ARE NO CHANGES TO THE PHASE CHART

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

- MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
- MR. RALEIGH MEDLEY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
- MR. AUDIE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 513-7350
- MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
- MR. ROBERT SNOVER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631
- MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS
UTILITY LEGEND	
---	GAS MAIN
---	WATER MAIN
---	SEWER MAIN
---	ELECTRIC CABLES
---	TELEPHONE CABLES
---	STORM DRAIN

REVISIONS	
09/1998	RECONSTRUCT FOR NEW GEOMETRICS ON MD 41 TRIPLE LEFT
03/11/1998	AS BUILT
SHA NO. BW-190-801-312	
09/1998	MODIFY FOR NEW GEOMETRICS
SHA NO. BW-190-801-312	
11/2001	AS BUILT; REPLACED SIGNAL HEADS W/ BLACK FACES
SHA NO. OT2000	

APPROVALS	
W.M.	2.4.2
W.M.	2.4.2
W.M.	2.4.2
W.M.	2.4.2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 4 (Pennsylvania Avenue) and MD 458 (Silver Hill Road)
SUITLAND, MARYLAND

DRAWN BY: W. Richardson
CHECKED BY: W. Tish
SCALE: 1" = 20'
DATE: 01/15/1973

F.A.P. NO. T-8006 (25)
S.H.A. NO. 25028102
COUNTY: PRINCE GEORGE'S
LOG MILE: 16022411.88

T.S. NO. TS-837 H
T.I.M.S. NO. E818
SHEET NO. 1 OF 1